

THE TECH

VOL. XXVIII. No. 82

BOSTON, MASS., FRIDAY, MAY 14, 1909

PRICE THREE CENTS

MINING SOCIETY MAKES MERRY

Dinner at Lombardi Inn is
Last of This Year's
Gatherings

VOLCANO DEFINED

Speech on Relief Work At The
Messina Disaster Well
Received

The season's activities of the Mining Engineering Society were terminated Wednesday evening, at the annual dinner at the Lombardi Inn.

As toastmaster, President Breyer introduced as the first speaker, Professor Locke. Impressed, in his travels, by the tremendous scale of mining and metallurgical operations and by the vast amounts of money spent to lessen the cost of production, Professor Locke cited a number of instances of improvement and enlargement of equipment in the copper and iron industries. In the steel works in Pittsburgh, 250 ton furnaces are now being used and one of the mill's has a floor plan 600 by 1600 feet. The railroads also, are making great strides in the improvements of their equipment.

The next speaker, Professor H. O. Hofman, urged the men to take systematic and thorough notes on all their work. Speaking from his own experience, Professor Hofman said that at first he kept his mind only upon the immediate task and did not look beyond. Experience, however, has taught him to take notes of time taken, costs, etc., and to review these notes at a later period. He also urged the men to identify themselves with the interests of their employers and companies, but warned them in so doing not to lose their personalities.

C. H. Warren continued the fun-making by telling anecdotes of the laboratory and class room. Some of the answers to examination questions certainly deserve mention: "Pseudomorphs are false shapes. I have never seen any in the laboratory. Sometimes close inspection is needed to differentiate them from the real." "Limburgite—the name sounds familiar." "Volcano—a mountain that smokes and then throws up."

The main speaker of the evening was then introduced, Mr. Edmund Billings of the Good Government Association, the federal representative of the United States, who was sent to Messina to handle the Massachusetts fund. Without unnecessary vivid portrayal of the horrors connected with the Messina disaster, Mr. Billings described this catastrophe, the greatest of either ancient or modern history. Within fifty-five seconds, 300,000 lives were lost and every building in a city the size of Worcester was destroyed. In the Porso aubaldi, the houses fell in toward each other in an indescribable rubbish heap. In other places houses were split in two showing the interiors intact.

The greater part of Mr. Billings talk was about the wonderful Italian, Commander Cagni. While giving a battle-ship her speed trial, he received a sudden message from the king, bidding him hasten to Reggio and take command there. This he did, assuming temporary dictatorship. He found 150 men guarding a twelve foot break in a prison wall, surrounding 400 prisoners. These guards were reduced to five men, with orders to shoot any who came near. He cured the mayor of hesitation by confinement in the ship's hold. He had ovens built in the ruins at Reggio, and fed the inhabitants bread. He tempted international war by seizing the cargo of lumber upon an English ship. In fact, Commandant Cagni went to the extremes in order to preserve order and to hasten the relief of the sufferers. His was the master mind with confidence in itself. With this example in mind, Mr. Billings recommended as a rule: "In the face of a great emergency, it's a sight better to be wrong than to be slow."

BIG MASS MEETING TODAY

IN THE UNION AT 1.30 P. M.

To Practice Songs and Cheers

To Arouse Enthusiasm for the Intercollegiates

To Hear Dr. Rockwell and Coach Kanaly Tell
About the Situation

COME AND HELP FILL THE UNION

DARTMOUTH THE FAVORITE FOR NEW ENGLAND INTERCOLLEGIATES

Sherman, Palmer, Hawley and Holdman, of Hanover with
Slocum and Edwards of Bowdoin will be the
Individual Stars

TECH HAS GOOD CHANCE FOR SECOND PLACE

Institute Team Well Balanced but Lacking in Individual Stars—
Second and Third are Depended upon to Get a Good Place.
Williams is Strong

Saturday, May 22, will see at the Tech Field, Brookline, the closest meet ever held by the New England Intercollegiate Athletic Association. Twelve colleges are members, and all will send the best they have in the athletic line, with hopes of getting at least a finger on the fifteen year trophy cup.

Last year Dartmouth won with 49 points, with her nearest competitor, Bowdoin, coming along with only 19. The Green will have no such walkover this year, and will be fortunate indeed to get 40 points, although they are practically sure of winning. There will be so many star men in the meet that second and third places will not count for much.

The Williams men from up in the Berkshires are looming up strong and will have a good chance for second place. Bowdoin squeezed out second place last year by one point over Tech and Wesleyan who tried for third at 18 points, with Williams and Amherst only 2 and 3 points behind. According to reports and some of the records made this Spring, the Pine Tree college will have to be reckoned with in the race for second. It will be a battle royal between these four for second honors when they clash.

Of the other colleges, Brown is easily the best, but does not look to be much of a factor in the result. Trinity beat Tufts, one of last years tailenders, and it is doubtful if the Medford institution gets the one point that they scored last year. Vermont will send a team down to Boston, as will Holy Cross, but both are likely to prove a nonentity.

One record is almost sure to go when Holdman of Dartmouth and Allen of Tech get together in the pole vault. Holdman has done 11 feet 6, and Allen is expected to beat the mark of 11 4 1-4, which he made last Saturday at the Spring games. Salisbury of Tech, Horrax of Williams and Denning of Bowdoin are still in the running and will fight it out for the rest of the points.

E. R. Palmer of Dartmouth, and Horrax of Williams tied for first in the high jump last year, and both are at it again. Palmer has improved since and may raise the mark another notch. Burlingame of Bowdoin, Fly of Williams and Stuart of Tech will make a bid for the other points.

With last year's relay work there should be some fine performances in the quarter. Gram of Tech looks good for first. Wesleyan has a good man in Bacon; Amherst has Gracy; Maine Littlefield; Bowdoin Anderson and Starrett. Tech has a good second string man in Salisbury, who although

spiked and thrown in his trial heat last year, finished his heat in third place.

Amherst will miss White in the mile and his race should go to either Coolbath of Bowdoin, Noyes of Dartmouth or Watkins of Tech. Wells of Brown, Merrihew of Vermont, and Coan of Williams are also entered in this event.

There is a chance for a record in the two mile when Slocum of Bowdoin meets such fast distance men as Pond of Trinity, Greene of Brown and McCarthy and Watkins of Tech.

The judges will find hard work to see daylight between the men in the century and furlong dashes. The most promising entries are Sherman and Hawley of Dartmouth, Robson and Bacon of Wesleyan, Kelley of Williams, who by the way is credited with 22 seconds flat for the 220 dash this Spring, Pond of Maine and Burdick of Trinity, with Gram, Salisbury and Seligman of Tech.

Fortier of Maine is the only veteran left in the half. He will find hard work in winning, however, with such stars as Fly of Tech, Peble of Dartmouth, Hunt of Brown and Lester of Williams entered.

With Shaw out of the two "timber" events, Horrax of Williams looks good for the "high sticks" and Edwards of Bowdoin for the low event. Smith of Maine and Mayhew of Brown are the next two best men entered.

The hammer and discus should go to Dartmouth for first, with other points divided between Brown, Tech and Amherst.

Morrill of Bowdoin, last year's winner of the shot, is the best man in this event, and should pull out a winner. Kibourne of Amherst, Ray of Maine, and Chamberlin are the other star performers entered.

Sherman of Dartmouth will probably score his third first place of the meet in the broad jump, with his team mate, Thomas, coming in a close second. Horrax of Williams and Mayhew of Brown are the next two probable point winners.

It is said that 90 per cent. of the men and 50 per cent. of the women students in the University of Utah are working their way. There is no tuition fee.

The Big Four has presented Illinois with a drop testing machine for making impact tests on car couplers, wheels, etc. This apparatus consists of a six hundred pound hammer running in vertical guides fifty feet high. Purdue is the only other university possessing a similar apparatus.

CHEMICAL SOCIETY DINES AT UNION

Election of Officers for
Next Year—Lunt 1910
President

TRUTH AND RESEARCH

Urged by Faculty Members Present
Profs. Walker and Talbot
Speak to Members

Before the dinner of the Chemical Society Wednesday evening, the annual election of officers took place. George P. Lunt 1910, was elected president; Dudley Clapp 1910, vice-president; R. W. Lewis 1910, secretary; S. D. Lawton 1911, treasurer, and R. O. Fernandez 1910, chairman of the executive committee.

Mr. Field, the toastmaster, preceded his introductions with anecdotes of the speakers hitherto unheard. The speakers of the evening were Profs. W. B. Walker, H. P. Talbot, Henry Fay, S. P. Mulliken, and Augustus H. Gill, all of the faculty.

Prof. W. H. Walker gave a short talk on expert testimony. He treated the subject from the point of view of a chemist. He advised his hearers to be honest and upright in any expert testimony which later on they might be called upon to give. Find out what the truth really is, and then stick to it. There is no satisfaction in making money by evading scientific truth. He urged the men to do all in their power to uplift the standard of chemistry.

Professor Talbot spoke on the superficiality of the training of our modern educational system. He said that this was due more or less to the transition stage in education through which we are now passing. Not enough time is given to any subject in order to allow a pupil to think in the subject. By this, the power of concentration ability which is most important is in danger of being lost.

He also spoke on the opportunities for the young man in the scientific world. Today there is the greatest of opportunity for men of science. However, he should not confine himself to the beaten path of accumulated knowledge, but should branch out and develop a reasoning spirit. To make the student think for himself is the aim of the Institute. It is everyone's duty to do something for himself.

Professor Fay gave a very interesting talk on hobbies. The remarks of Profs. Gill and Mulliken were also received with great favor. The dinner broke up at about 9:30.

INTERCLASS BASEBALL

1911 and 1912 meet again this afternoon in the second of the interclass series at the Field. In case the freshmen win the game today the two classes will play off the series on May 25.

The chances for winning today's game are all in favor of the sophomores, but the 1912 team will put up a game fight for the victory.

CALENDAR

FRIDAY, MAY 14

1:00 P. M.—Rifle Club Meeting in 33 Rogers.
1:00 P. M.—Annual election of British Empire Association.
3:30 P. M.—1912 vs. 1911 at the Field.
4:15 P. M.—C. E. Society meeting.
8:00 P. M.—Prize Drill at the South Armory.

SATURDAY, MAY 15.

2:30 P. M.—Handicap Meet at the Field.
3:30 P. M.—1911 vs. Durham Academy at Durham, N. H.

THE TECH

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Friday, May 14, 1909

Everyone at the Union this noon!

An epidemic of annual dinners appears to have broken out. An epidemic of final exams is on its way; conflicts always cause trouble.

Technique 1910 has not sold as well as it should, nor have all the men who signed red tickets secured their books. A great many copies will probably be sold at the time of the Alumni Reunion in June, but it is upon the undergraduates that the responsibility for the finan-

cial success of Technique rests. It cannot be expected that better Techniques will be gotten out if, after the men on the board have given a large part of their time to the work, the men in the Institute refuse to do their small part by each purchasing a copy. In contrast to this state of affairs, at the Naval Academy recently each man bought at least one copy of the annual, costing two dollars and a half, and several bought more than one. Only in this way, by every man helping and feeling a personal responsibility in its success, literary, artistic and financial, can Technique continue to hold its place as one of the best annuals in the country.

TECHNIQUE ELECTIONS

1911 Technique Electoral Committee did its first effective work yesterday afternoon when it elected F. A. Moore of Tyler, Texas, business manager. Moore was manager of his college annual in Texas before coming here, and although the book was smaller than Technique, he succeeded in showing a profit of several hundred dollars, whereas the average Texas annual, very much like the Technology annual is usually behind about that amount.

O. B. Denison, South Framingham, Mass., was elected Grind Editor. Denison has been in the Show chorus for two years, he has written some music for the Show both years, and is now an Associate-Editor of The Tech.

With these two exceptions, nothing but discussion of the candidates has been made for all offices, and in some cases the lists have been cut to four. Only two candidates remain for editor-in-chief, but there is a deadlock there.

About \$80,000 has already been pledged for the new gym at Dartmouth. Work may begin this spring.

EPIDEMIC AT 'STUTE

Biologists Get It Bad Hel-er-s Beat Schiz-choos 14 to 8

Baseballitis, the sweeping spring disease, gripped the biology department Wednesday afternoon, and the doughtiest of these warriors of sanitation were powerless before the sway of the germ of the gyrating horseshoe sphere. Even Prof. Sedgewick was an enthusiastic fan, coaching from the side lines with such apostrophisms as "Well, that's the sanitation, you Fly Catcher."

Led by Prof. C. E. A. Winslow, the Helminthocladiaseae team sent the Schizomycetes aggregation, under Prof. S. C. Prescott, down to defeat to the tune of a 14 to 8 score. The twirling of the two professors was largely responsible for the low score, each striking out 15 men. The score ran into the forties last year. The outfielders started the game armed with huge fish nets with which to sweep the atmosphere for flies, but abandoned these implements as too clumsy. Considerable discussion as to who should go after the ball ensued every time a hit reached the field, usually ending in a mad scramble of the whole team for straying spheres.

Umpire Salman was at one time forcibly ejected from the diamond by the angry Schiz-etc. squad only to be reinstated by a charge of the Hel-etc.

Dr. Stiles acted as official scorer and photographer, his offices carrying him to every part of the field at critical moments. The whole course is up in arms against the story in the press that every ball thrown meant three errors, averring that there were only two to a ball.

The line-ups were: Helminthocladiaseae, Prof. C. E. A. Winslow (Capt.), Harrison c., Kenney-Howe lb., Groff 2b., Shaw 3b., Schneider s.s., Robinson

lf., Stevenson c.f., Strauss r.f. Schizomycetes, Prof. C. S. Prescott p., Hoyt c., Blanchard lb., Lang 2b., Trenthart 3b., Stover lf., Jenkins c.f., Haynes r.f. Umpire—H. F. Salman. Scorer—Dr. Stiles.

M. A. H. S. CLUB MEETS

Over forty men of the M. A. H. S. club and friends gathered last night in the lower dining room of the Union at the last meeting of the year. President H. K. Spencer 1909, was the toastmaster of the evening and introduced as the first speaker Dr. Parmenter, headmaster of the school, who said that he had not come to make a speech, but simply to let the men know that he welcomed the chance to meet them now that they were away from the school.

Assistant superintendent of the Mechanical Arts High School told of the criticism which the school had received from different quarters and the most of which had been from men who were not in a position to do this sort of criticizing.

Mr. Reed, the present master of history enlivened the evening with a few good jokes, and received a hearty reception. He gave a short sermon on life after getting out of school and congratulated the club on inviting men from Harvard and Tufts to be present at the dinner.

Mr. Weaver, headmaster at the Girl's School of Practical Arts followed Mr. Reed with a short talk about his recent trip to England and Germany, and told of the reputation of Technology and the Mechanic Arts High School abroad.

The remainder of the evening was spent in telling what the men now at different colleges, and still in the school, thought of the plan, now proposed, which would absolutely prevent all pupils attending the high school from being able to pass entrance examinations to a higher place of learning.

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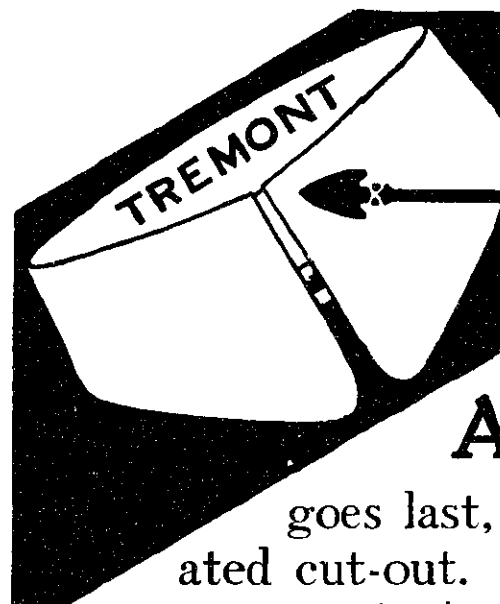
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SPRING HANDICAP MEET

Will be Preliminary Test of
Ability for IntercollegiatesBelow is a list of handicaps as ar-
ranged by Coach Kanaly for the handi-
cap meet tomorrow. Mr. Kanaly has
entered six men in each event of the
New England Intercollegiates which will
be held May 21 and 22 at the Tech
Field. Only four of these men will be
allowed to compete in an event, and the
four who will compete will be deter-
mined largely by the result of the handi-
cap meet.The list below contains only the
names of the men entered by Kanaly in
the Intercollegiates. Handicaps will be
arranged for all others who can possibly
compete in tomorrow's meet. The regu-
lar fourteen events will be run off, and
it is desired that competition will be
such as to force fast enough times for
comparison with those made by other
colleges this spring.The men whom Kanaly has picked to
enter the Intercollegiates will not be
allowed to enter any other events than
those that he has designated.100-yard dash—W. J. Seligman 1911.
scratch; J. S. Grant 1912, 2 yds; S. E.
Reed 1912, 3 yds; K. D. Fernstrom 1910,
4 yds; L. B. Walker 1912, 6 yds.220-yard dash—C. W. Gram 1909.
scratch; W. C. Salisbury 1911, 6 yds;
W. J. Seligman 1911, 7 yds; P. D. White
1911, 8 yds; S. E. Reed 1912, 9 yds;
K. D. Fernstrom 1910, 10 yds.440-yard dash—C. W. Gram 1909.
scratch; W. C. Salisbury 1911, 5 yds;
M. A. Oettinger 1912, 12 yds; J. I. Mur-
ray 1912, 12 yds; P. Hart 1910, 12 yds;
S. E. Reed 1912, 14 yds.880-yard run—P. D. White 1911.
scratch; E. M. Potter 1910, 15 yds;
W. S. Davis 1910, 18 yds; C. P. Eldred
1911, 16 yds; H. Lockett 1910, 20 yds;
E. Montgomery 1912, 25 yds.1-mile run—H. Watkins 1912, scratch;
R. D. Van Alstine 1911, 30 yds; H. H.
Howland 1908, 30 yds; C. P. Eldred
1911, 35 yds; K. Cartwright 1912, 45
yds; W. C. MacCreddie 1911, 45 yds.Two-mile run—H. H. Howland 1908.
scratch; H. Watkins 1912, 20 yds; J. F.
MacCarthy 1909, 35 yds; J. N. Stephen-
son 1909, 45 yds; B. Morrill 1912, 60
yds; B. Huber 1910, 60 yds.120-yard hurdles—W. J. Pead 1910.
scratch; A. B. Mason 1900, scratch;
K. D. Fernstrom 1910, 5 yds; R. H.
Allen 1909, 8 yds; L. B. Walker 1912,
10 yds.220-yard hurdles—G. B. Cummings
1910, scratch; J. S. Grant 1912, 10 yds;
K. D. Fernstrom 1910, 15 yds; W. J.
Pead 1910, 12 yds; R. H. Allen 1909,
12 yds; L. B. Walker 1912, 20 yds.Broad jump—R. H. Gould 1911.
scratch; J. Becker 1912, 1 in; K. Green-
leaf 1912, 2 in; W. J. Pead 1910, 2 in;
K. D. Fernstrom 1910, 3 in; H. Gott
1910, 4 in.High jump—E. Stuart 1910, scratch;
P. W. Dalrymple 1912, 2 in; R. H. Allen
1909, 3 in.Pole vault—W. D. Allen 1911, scratch;
W. C. Salisbury 1911, 4 in; H. Green-
leaf 1912, 16 in; E. Mangan 1912, 20 in.Shot put—O. V. Chamberlin, scratch;
H. Gott 1910, 11 in; D. F. Benbow 1912,
2 ft 6 in; J. Bray 1912, 3 ft 5 in; J.
Becker 1912, 5 ft.Hammer throw—W. Ruby 1912,
scratch; J. Bray 1912, 5 ft 6 in; L. D.
Nisbett, 6 ft.Discus—L. D. Nisbet 1909, scratch;
E. Stuart 1910, 7 ft; W. M. Ruby 1912,
15 ft; O. V. Chamberlin 1910, 15 ft."Ossianukee" is the name of a boys'
camp which will be conducted this sum-
mer by Mr. Samuel E. Gideon and Mr.
Stephen A. Breed, instructors in the
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conjunction with Mr. A. D. Browne,
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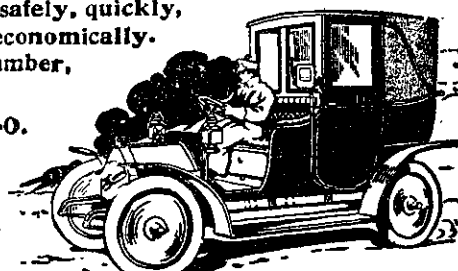
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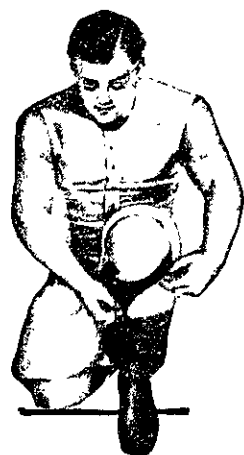
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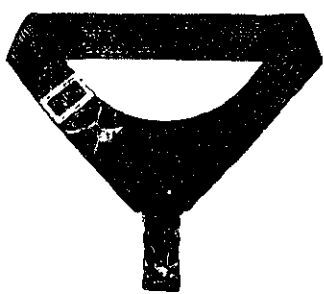
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BATTALION INSPECTION

The annual Government inspection of the Technology battalion was held in the South Armory, Wednesday afternoon. After a short preliminary drill, the battalion was drawn up for general inspection by Captain Julius A. Penn of the Seventh U. S. A. Infantry, accompanied by Major Wheeler, Major L. G. Rowe 1910, and Adjutant J. A. Herlihy 1911. Captain Penn is at present with the General's staff in Washington, and was assigned by the Government to inspect and review the battalion. The exercises concluded with a review of the battalion by Captain Penn and Major Wheeler, and further drill by companies.

There will be two more drills this term; the prize drill tonight and regular drill next Wednesday. The companies have been thoroughly drilled in the marchings and the manual of arms, and there is little choice between the companies. The contest is sure to be close, and the competition keen. The old custom of burning the drill gloves in front of Rogers will be celebrated as usual after the drill, especially as Major Wheeler has announced that the absence of gloves at the final drill will be overruled.

NOTICES

Gym will be open Friday night to enable freshmen to get drill suits. M14

RIFLE CLUB.—The semi-annual meeting of the Rifle Club will be held Friday, May 14, at 1:00 o'clock, in 30 Rogers. M14

PENN CLUB.—Dinner Tuesday at 6:30 in the small dining room of the Union. A large attendance is requested, as election of officers for next year will be held. M18

E. E. SOCIETY.—Prof. Jackson will give a dinner May 20, to the members of the society. The speaker will be Mr. Frank J. Sprague, inventor of the multiple unit system of control. Subject, "Electric Traction, Past, Present and Future."

DAILY.—The Tech is considering the publication of a daily next year. To do this would necessitate a much larger staff. A meeting of all those who would like to consider helping in this undertaking will be held in the Tech office, Monday afternoon at 4:15. M17

ALL GLEE CLUB MEN.—Who expect to attend the N. E. I. A. A. meet please leave names at Cage for W. C. West at once. A block of good seats is being reserved for the Glee Club, and every man is expected to come and sing. Men who have already purchased tickets can exchange them for some in the reserved section.

This afternoon at 4:15, the annual business meeting of the Civil Engineering Society will be held in 11 Pierce.

Officers will be elected for next year, so all members are urged to be present and vote. The treasurer's report will be read.

CLASSIFIED ADS

Advertisements under this head are inserted at the rate of five cents a line of six words, payable in advance, and copy should be handed to the business manager the morning before publication day.

A few positions in our firm for Summer at \$2.00 per day and up. 687 Boylston St., room 413. 9-12: 1-5:30: 7-9:30. M14

LOST.—Moore's fountain pen. Reward for its return to Pearl 30 Eng. C.

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